

Christopher B. Smith, Chief 2478 Fairview Drive Carson City, Nevada 89701 775-687-0300 http://dem.state.nv.us/



State of Nevada - Daily Situation Report Thursday - September 12, 2013

NDEM Duty Officer: Paul Burke: Sept 9 - 16, 2013 775-687-0400 24-hour Emergency Number (NHP Dispatch) 775-687-0498 Non-Emergency Duty Officer Contact Number

http://dem.state.nv.us/ DEM Website

State Emergency Operations Center: PARTIAL

U.S Department of Agriculture declares nationwide drought. NDEM is in monitor status for the state of Nevada.

National Preparedness Level for Wildfire Activity: PL 2 – LOW Preparedness Level 2: Several Geographic Areas are experiencing high to extreme fire danger. Wildland fire activity is increasing, and large fires are occurring in one (1) or more Geographic Areas. Minimal mobilization of resources from other Geographic Areas is occurring. There is moderate commitment of National Resources with the potential to mobilize additional resources from other Geographic Areas.

Western Great Basin Preparedness Level for Wildfire Activity: PL 2 – LOW Preparedness Level 2: One or more units experiencing moderate to high fire danger. Wildland fire activity is increasing and potential exists for Initial Attack fires to escape and become large fires. Resources within the Geographic Area appear adequate to manage the situation and moderate commitment of national resources is occurring.

National Terrorism Advisory System (NTAS): No Current Alerts

The Secretary of Homeland Security has not issued an elevated or imminent alert at this time; we remain at a heightened level of vigilance. http://www.dhs.gov/alerts

Today's Cyber Alert Level Indicator:



(*Please note, this level only changes when cyber activity is deemed necessary by MS-ISAC*)

On **September 4, 2013**, the Cyber Alert Threat Level was evaluated and remained at Green (Low). At this level (Green), insignificant or no malicious activity has been identified.

Organizations and users are advised to update and apply all appropriate vendor security patches to vulnerable systems and to continue to update their antivirus signatures daily. Another line of defense includes user awareness training regarding the threats posed by attachments and hypertext links contained in emails especially from un-trusted sources. http://www.msisac.org/alertlevel/

ESF 1 - Transportation: Nevada Department of Transportation: NSTR

Highway Controls & Incidents:

http://nvroads.com/

Airport Status Information: As reported real-time by the FAA's Air Traffic Control System Command Center: http://www.fly.faa.gov/flyfaa/usmap.jsp

ESF 2 – Telecommunications and Information Technology: Bogus iPhone 5C giveaway hits Facebook users

The long awaited unveiling of the upcoming iPhone 5S and 5C has provided the perfect lure for Facebook scammers.

A message showing a picture of multicolored iPhones 5C and saying that 75 lucky users will be randomly chosen to receive one for free if they "share" and "like" this photo has been so far shared by many users who were tricked into believing the offer was legitimate.

The page that posted the picture in question purports to be an Apple fan page, but in fact has no connection with the company.

"The intent of the scammers who created the bogus Page is to amass as many likes as possible in the shortest possible time. And by tricking people into sharing the image and commenting, the scammers can further promote the page across the network," <u>explains</u> Hoax-Slayer.

This and other similar pages are then sold or rented out to other spammers who want to reach as many users and possible, or are used by the creators themselves to funnel traffic to survey or phishing pages.

If you are wondering how much can these scammers earn from these endeavors, you can read <u>here</u> about how lucrative the Facebook spamming business is.

Remember: if an offer is too good to be true, it probably is. Source: http://www.net-security.org/secworld.php?id=15554

ESF 3 – Public Works and Engineering: NSTR

ESF 4 – Firefighting:

Seasonal Fire Restrictions lifted September 13th on Most Public Lands in Southern Nevada

LAS VEGAS, Nevada - Wildland fire officials will lift seasonal fire restrictions on public lands in Southern Nevada managed by the Bureau of Land Management, Bureau of Reclamation, National Park Service, Nevada Division of Forestry, U.S. Fish and Wildlife Service and U.S. Forest Service Sept. 13.

Fire managers base decisions about fire restrictions on specific moisture measurements in vegetation and other risk factors. Recent moisture in much of Southern Nevada has significantly lowered the fire danger, but land managers still urge the public to remain vigilant with fire.

"Lower fire danger does not mean no fire danger," said Marty Woods, assistant fire management officer for the U.S. Forest Service. "We ask that visitors continue to be safe with campfires and other sources of ignition."

Fire restrictions will continue in some parts of the Spring Mountains National Recreation Area until Nov. 15. Those restrictions are as follows: no campfires within one mile of homes in Kyle and Lee Canyons, Deer Creek, Cold Creek and the communities of Trout Canyon and Mountain Springs. Signs are posted in these areas advising the public of these restrictions.

NATIONAL FIRE ACTIVITY: NSTR

NEVADA FIRE ACTIVITY:

Light initial attack was reported yesterday with 2 human caused fires for 1 acre.

Thunderstorms spread north and west through Thursday with drier weather spreading from west to east Friday into the weekend.

Uncertainty for this weekend as low pressure approaches the coast, but will likely bring windy/dry conditions to western/northwest NV.

Scattered wet thunderstorms will continue across eastern and southern NV through Thursday as weak low pressure over southern NV/western UT/AZ moves slowly north today through late week. Thunderstorms will return to central/northern/parts of western NV and the Sierra today and continue spreading north and west through Friday. Thunderstorms will start decreasing from west to east starting Saturday. Temperatures will drop a few degrees this week over western and northern areas as clouds/showers/thunderstorms increase, with below normal temperatures over southern and eastern NV. Thunderstorms will produce wetting rains through this week with rainfall amounts 0.10 - 0.50" and locally higher amounts. RH will also remain elevated over the eastern half of NV and only drop to 25-40% in most areas. Gusty outflow winds 40-50+ mph will also occur near any thunderstorms.

Winds will be influenced by low pressure over western AZ/southern NV moving north with north-northeast winds across the northern 2/3 of NV today. Winds will become light and variable in direction Thursday as low pressure moves north across NV, with winds shifting to the NW-N later in the week and the weekend. Winds may shift to the southwest as early as Sunday depending on the track of an incoming area of low pressure.

A brief ridge of high pressure will build across the west potentially Friday and Saturday with drier weather from west to east by Saturday/Sunday and above normal temperatures.

Winds may increase as early as this weekend, but may hold off until early next week as low pressure approaches the Pac NW with gusts potentially above 40 mph and RH near 10-15% over western/northwest NV. Thunderstorms may also increase over parts of western/northern NV ahead of the low, depending on the track. However, the speed and track of this low is still uncertain, with details becoming more clear through this week.

Smoke from the Rim Fire in CA will remain in CA as north-northeast flow continues across the WGB. Winds will shift to the southwest and increase as early as this weekend, but possibly hold off into next week which may bring more smoke back into western and northern NV. depending on activity on the fire.

Care Flight Information:

Due to the amount of smoke, Care Flight has limited visibility and therefore will have limited ability to respond to accidents/incidents. They will continue to staff the bases regardless of the smoke in the event of wind shifts. Please do not hesitate to contact the base(s) if you have any questions concerning the effects of the fires and/or current flight status.

Reno: 775-982-5111 **Gardnerville**: 775-782-9522 **Truckee**: 530-587-8397

Region 1 Fire Mutual Aid, Duty Officer: Kirsten Sherve 775-687-0497 – On Call Number

STEN/TFLD - RNOX

State Fire Mutual Aid/EMAC/NEMAC Coordinator: Kelli Baratti

775-720-2401 - Cell; 775-687-0310 - Office

ESF 5 – Emergency Management:

September is National Preparedness Month and we are asking you to help your family and friends prepare for whatever may come. It is no secret that many families and individuals are looking to cut back on spending. But with the frequency of disasters, both natural and manmade, can you afford not to be prepared? Preparedness doesn't have to

Get Ready Carson City: Free Preparedness Supplies and Information.

On Saturday, September 14, Carson City Emergency Management and Health and Human Services are excited to partner with the Carson City Home Depot for a special event in celebration of Get Ready Day.

From 8 am-3 pm on Saturday, representatives Carson City readiness agencies will be at the Home Depot on Market Street in Carson City to distribute bags and basic supplies for readiness kits and to answer questions that people may have about what to include in their kits.

The Home Depot will also be offering discounts on additional items for your kit. If you aren't sure what you need in your kit, you can pick up a checklist at the event.

DEM Duty Officer Calls – September 2013

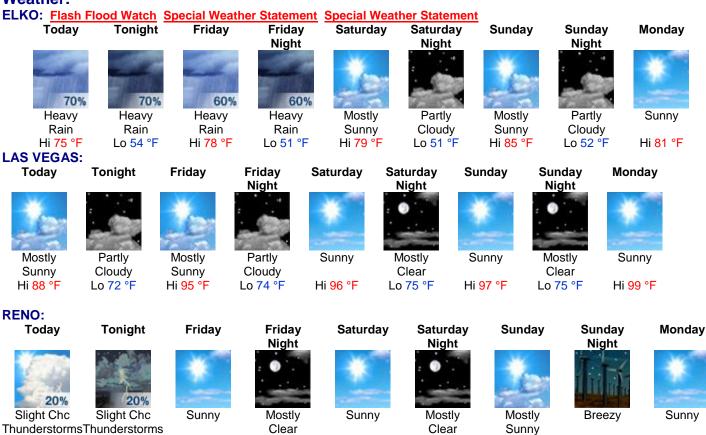
	ate	Incident	Incident Type	City / County
9	/6	Suspicious chemicals found	Haz-Mat	Carlin / Elko

Weather:

Hi 85 °F

Lo 57 °F

Hi 86 °F



Hi 88 °F

Lo 56 °F

Hi 86 °F

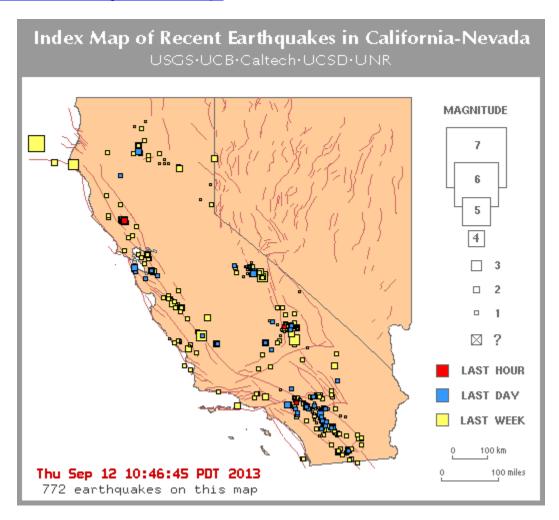
Lo 50 °F

Hi 82 °F

Lo 57 °F

Recent Earthquakes in CA-NV:

Source: http://www.data.scec.org/recent/recentegs/



Resource Availability:

Response Capabilities:

Resource availability for all-hazard response within the state of Nevada should be sufficient for normal response conditions.

Federal resources available within the Western Great Basin should have successful wildland fire initial attack with the current weather and fuel conditions.

Incident Management Teams: Wildland

Sierra Front Type 3 Interagency IMT: Washam: Aug 31 – Sept 13

Nevada Type 3 Interagency IMT: Rader: Sept 9 - 15

Great Basin Type 2 IMT: Adell: Sept 6 - 12 Great Basin Type 1 IMT: Blume: Sept 11 - 17

Dunford's Type 2 Team: Committed to Kelley Fire - Sawtooth NF, ID

All Hazards

Southern Nevada Unified Command Type III Interagency IMT: Available (Clark County only)

Emergency Management Assistance Compact (EMAC) Activity: No requests

Nevada Emergency Management Assistance Compact (NEMAC) Activity: No requests

Emergency Communications: No requests

Response and Recovery Activity: NSTR

ESF 6 - Mass Care, Housing & Human Services: NSTR

ESF 7 – Resource Support: NSTR

ESF 8 – Public Health & Medical Services:

FDA receives 89 reports of illness from Chobani yogurt

The Food and Drug Administration reports at least 89 people have reported getting sick after eating Chobani Greek yogurt manufactured in Twin Falls, Idaho.

FDA spokeswoman Tamara Ward told The Times-News on Monday that some have described nausea and cramps.

No link has been confirmed between the illnesses and the yogurt. However, Ward says the FDA is working with Chobani to hasten its voluntary recall.

<u>Chobani last week told grocery stores to destroy 35 varieties of yogurt</u> reported to have been contaminated by a mold associated with dairy products. The affected yogurt cups have the code 16-012 and expiration dates between Sept. 11 and Oct. 7.

Health officials have said the yogurt is not a public health threat, but the company said last week the "mold can act as an opportunistic pathogen for those with compromised immune systems."

Source: http://news.msn.com/us/fda-receives-89-reports-of-illness-from-chobani-yogurt

PUBLIC HEALTH ALERTS: None at this time

Nevada Health Preparedness information: http://health.nv.gov/index.htm

Radiation Control 24 hour Duty Officer / Health Division After Hours 1-877-438-7231

Official Centers for Disease Control & Prevention (CDC) - http://emergency.cdc.gov/

ESF 8-1 - Mental Health Services: NSTR

ESF 9 - Search and Rescue: NSTR

Nevada Urban Search and Rescue (US&R) Task Force 1: 80 Personnel

4 Canines

13 vehicles - full cache - in service

Nevada Civil Air Patrol Status: 10 aircraft in full service.

3 Ground SAR teams are at full strength, 1 north, 2 south

On-Call IC for NV Wing - 888-697-3509

ESF 10 - Oil & Hazardous Materials: NSTR

Nevada Division of Environmental Protection: Spill Reporting Lines: Toll free in Nevada 888-331-NDEP (6337) and

775-687-9485

Duty Officer: Latricia Lord, Sept 10 - 17, 2013

Environmental Assistance Coordinator: Jeff Collins, Sept 10 - 17, 2013

NDEP received, addressed and routed 12 Spill/Complaints for September 2013 and 397 for calendar year 2013.

AIR QUALITY MONITORING: http://www.airnow.gov/

Nevada Dam Status: NSTR http://water.nv.gov/Engineering/Dams/

NOTE: In addition to the dams located within Nevada, the following dams are monitored due to potential impact to the state of Nevada: Lake Tahoe, Boca, Stampede, Prosser and Northside Diversion.

IN CASE OF EMERGENCY:

Northern Townships: Robert Martinez or Mike Anderson (775) 684-2844

Southern Townships: John Guillory (702) 486-2770

After Hours: (775) 687-0400 (DEM Duty Officer - NHP Dispatch) http://water.nv.gov/Engineering/Dams/

U.S. Bureau of Reclamation - Lahontan Basin Area Office: http://www.usbr.gov/mp/lbao/

U.S. Bureau of Reclamation - Lower Colorado River Operations: http://www.usbr.gov/lc/riverops.html

Current Electricity Sector Threat Alert Levels: Physical - ELEVATED

Cyber - GREEN YELLOW CHANGE CONTROL

Scale: LOW, GUARDED, ELEVATED, HIGH, SEVERE [Source: ISAC for the Electricity Sector (ES-ISAC) - http://www.esisac.com

ESF 11 - Agriculture & Natural Resources: NSTR

ESF 12 - Energy:

Panda Poop Microbes Could Make Biofuels of the Future

Unlikely as it may sound, giant pandas Ya Ya and Le Le in the Memphis Zoo are making contributions toward shifting production of biofuels away from corn and other food crops and toward corn cobs, stalks and other non-food plant material.

Scientists presented an update today on efforts to mine Ya Ya and Le Le's assets for substances that could do so during the 246th National Meeting & Exposition of the American Chemical Society (ACS). And if things work out, giant pandas Er Shun and Da Mao in the Toronto Zoo will be joining the quest by making their own contributions.

"The giant pandas are contributing their feces," explained Ashli Brown, Ph.D., who heads the research. "We have discovered microbes in panda feces might actually be a solution to the search for sustainable new sources of energy. It's amazing that here we have an endangered species that's almost gone from the planet, yet there's still so much we have yet to learn from it. That underscores the importance of saving endangered and threatened animals."

Brown and her students, based at Mississippi State University, now have identified more than 40 microbes living in the guts of giant pandas at the Memphis Zoo that could make biofuel production from plant waste easier and cheaper. That research, Brown added, also may provide important new information for keeping giant pandas healthy.

Ethanol made from corn is the most common alternative fuel in the U.S. However, it has fostered concerns that wide use of corn, soybeans and other food crops for fuel production may raise food prices or lead to shortages of food.

Brown pointed out that corn stalks, corn cobs and other plant material not used for food production would be better sources of ethanol. However, that currently requires special processing to break down the tough lignocellulose material in plant waste and other crops, such as switchgrass, grown specifically for ethanol production. Breaking down this material is costly and requires a pretreatment step using heat and high pressure or acids. Brown and other scientists are looking for bacteria that are highly efficient in breaking down lignocellulose and freeing up the material that can be fermented into ethanol.

Bacteria in giant panda digestive tracts are prime candidates. Not only do pandas digest a diet of bamboo, but have a short digestive tract that requires bacteria with unusually potent enzymes for breaking down lignocellulose. "The time from eating to defecation is comparatively short in the panda, so their microbes have to be very efficient to get nutritional value out of the bamboo," Brown said. "And efficiency is key when it comes to biofuel production -- that's why we focused on the microbes in the giant panda."

Working with scientists at the University of Wisconsin-Madison, Brown's team identified bacteria that break down lignocellulose into simple sugars, which can be fermented into bioethanol. They also found bacteria that can take those sugars and transform them into oils and fats for biodiesel production. Brown said that either the bacteria themselves or the enzymes in them that actually do the work could be part of the industrial process.

"These studies also help us learn more about this endangered animal's digestive system and the microbes that live in it, which is important because most of the diseases pandas get affect their guts," said Brown. "Understanding the relationships between the microbes and the pandas, as well as how they get their energy and nutrition, is extremely important from a conservation standpoint, as fewer than 2,500 giant pandas are left in the wild and only 200 are in captivity."

Additional plans include expanding the work to include samples from red pandas at the Memphis Zoo, which also eat bamboo. Brown and colleagues also are forging a collaboration to get samples of feces from giant pandas that arrived in the Toronto Zoo earlier in 2013.

The scientists acknowledged funding from the Memphis Zoological Society, in addition to past funding from the Mississippi Corn Promotion Board, the U.S. Department of Energy and Southeastern Research Center at Mississippi State

ESF 13 – Public Safety and Security:

US Still Unprepared for Responding to Large Scale Bio-attack, Authorities Say

The United States still does not yet have adequate bio-response capabilities to address "fundamental expectations during a large-scale biological event," public health authorities say. That also was the conclusion of a report by the Bipartisan WMD Terrorism Research Center.

The report outlined what continues to be growing concerns on the part of federal, state, local and NGO public health preparedness officials regarding the adequacy of the government's bio-response capabilities, whether the bio-event is manmade or natural.

Federal and state officials have told *Homeland Security Today* that they continue to be especially concerned about the adequacy of the nation's Strategic National Stockpile, which they say lacks necessary bio-countermeasures for dealing with a large-scale biological event.

Speaking on background because of the positions they hold, they framed their comments in the context of what they said are concerns about the potential for biological weapons or materials getting into the hands of terrorists and rogue states, and pointed to fears about Syria's bio-weapons stockpiles and production capabilities, and whether they are adequately secured.

As the conflict in Syria intensifies, and as Islamist rebel forces advance, authorities have expressed concerns that the Syrian government's bio-facilities could be overrun.

US officials have been very quiet regarding Syria's bio-weapons capabilities.

The report by the WWMD Center had said the "United States is unprepared to respond to a global out-break of a deadly virus for which we have no medical countermeasures," adding, "No one in the fields of biodefense, public health or medicine will be surprised by the report's finding[s]."

The WMD Center's *Bio-response Report Card* concluded that "a response to bioweapons that have been made resistant to our current medical countermeasures would fail to meet fundamental expectations."

The WMD Center is a not-for-profit research and education organization founded in March 2010 by the chair, vice chair and executive director of the Congressional Commission on the Prevention of Weapons of Mass Destruction Proliferation and Terrorism.

The organization's report said because Congress and the administration have "focused primarily on addressing [the] most extreme, less common scenarios, it could easily expend most available biodefense resources, without a measurable return on investment."

The WMD Center recommended that future preparedness programs focus on large-scale events, saying it is possible to improve response capabilities "in the relative near-term, and doing so would significantly improve readiness for small-scale events as well."

To provide the best return on investment, the WMD Center concluded that the nation should focus its efforts on three strategic priorities:

- Leadership that sets clear priorities and engenders commitment and unity of effort;
- Mobilizing "whole of nation" response planning; and
- Sustained investment in purpose-driven science.

"Modern biotechnology provides small groups the capabilities for a game-changing bio-attack previously reserved to nation-states," the report said. But "even more troubling, rapid advances in biotechnology, such as synthetic biology, will allow small teams of individuals to produce increasingly powerful bioweapons in the future."

"Today, some scholars would look to the past to predict the future of bioterrorism," the 2011 report card stated. "They argue it has proven too difficult for terrorist groups to successfully develop and use sophisticated bioweapons -- that the threat is overstated."

The WMD Center said a better way to forecast the threat of bioterrorism is through carefully examining the following three critical questions:

- Can non-state actors produce and deliver biological weapons? (Capability);
- Is there a desire by terrorists to use biological weapons? (Intent); and
- Would using biological weapons produce the intended effects? (Vulnerability and Consequences)

Authorities working in the field of bio-response say most of these conditions still exist, and are continuing to call for improved bio-response measures and appropriate stockpiles of medical countermeasures.

ESF 14 - Community Recovery, Mitigation & Economic Stabilization: NSTR

Douglas County Disaster Declaration related to Bison Fire Statewide – Drought Declarations

ESF 15 - Emergency Public Information: NSTR

ESF 16 - Military Support - Nevada National Guard: NSTR

TRAINING:

For more training and information please visit http://dem.nv.gov/training/Training Calendar/

Updated courses are in RED

Energetic Materials (explosives and incendiaries) Technology Training

Available Dates Sept-10-12 Sept-24-26 Oct-1-3 Oct-16-17 Oct-29-31 Nov-13-14

Contact: Michele Candee, mcandee@dps.state.nv.us or Darlene Loff, dloff@dps.state.nv.us

Advanced Incident Command System, ICS-400

Dates: December 17 – 18

January 21 – 22, 2014 February 18 – 19, 2014 March 18 – 19, 2014 April 15 – 16, 2014 May 13 – 14, 2014

Location: 2478 Fairview Dr.

Carson City, NV

Contact: Darlene Loff, Support Specialist at dloff@dem.state.nv.us or

Michele Candee, State Training Officer at mcandee@dem.state.nv.us

Costs: This training offering is provided at no cost to eligible jurisdictions. DEM will not provide any overtime or backfill.

Registration is required no later than 15 working days to the event

Intermediate Terrorism Liaison Officer Training

Date: September 11 – 12, 2013

Hours: 0800 – 1700 Location: 2478 Fairview Dr. Carson City, NV

COST: Free - You must register by registering at http://NTACNV.org (see link)

About the Class: The Intermediate TLO course is sponsored by NTAC, NNRIC, DEM, DHS and the U.S. Department of Justice. The class is designed to provide advanced and comprehensive knowledge of the Islamic religion and the motivation behind worldwide Muslim extremist movements. The course will further acquaint the students with the key Islamic terror groups active in the world today—with an emphasis on their ultimate goals and objectives, including but not limited to isolation from the West and gravitation towards a more fundamentalist and radical form of Islam. The course further explores bomb recognition and the potential dangers associated with IEDs. This module will include examples of what to look for and the dangers associated with Improved Explosive Devices. The continuing threat of the "Lone Wolf" extremist will be studied—with emphasis on existing case studies which shall enhance the student's ability to better understand the radicalization process that takes place prior to Home Grown Terrorists going "operational". Sexual Exploitation/Human Trafficking is another prevalent local and international issue, with several cases having occurred in Nevada. Sexual Exploitation will be explored as will the signs and tools needed to recognize it. The knowledge of threat assessments will be examined along with a hands-on practical exercise designed to acquaint students with the fundamentals of properly completing a risk evaluation of physical plants. DHS representatives will further explain their over arching responsibilities and assistance that they can provide to state and local agencies. DHS representatives will further explain the importance of Suspicious Activity Reports (SARS) and how they are handled when received by the fusion center.

The course of instruction for the TLO Intermediate is as follows:

- 1. Islamic Culture, International Terrorism and the Growth of Islamic Extremism
- 2. Sexual Exploitation and Human Trafficking
- 3. Reflections of 9/11 (SA Glen Booth)
- 4. Threat Assessments and Infrastructure Protection
- 5. Bomb Recognition and Bomb Safety Overview
- 6. Role of the DHS Intelligence Officer and Suspicious Activity Reports.

To Register: Go to http://ntacnv.org and register online

Questions: NTAC, 775-687-0450 or Jim Lopey, TLO Coordinator at 775-687-0454, <u>ilopey@dps.state.nv.us</u>

Questions about the course or eligibility can be forwarded to Jim Lopey or NNRIC TLO Coordinator Mike McKinley at 775-321-4906

Intermediate Incident Command, ICS-300

Date: October 22 – 24

Location: 2478 Fairview Dr.

Carson City, NV

Costs: This training offering is provided at no cost to eligible jurisdictions. DEM will not provide any overtime or backfill.

Registration is required no later than 15 working days to the event

Contact: Darlene Loff, Support Specialist at dloff@dem.state.nv.us or

Michele Candee, State Training Officer at mcandee@dem.state.nv.us

Who's in Charge Here, G351?

Date: January 22 - 23, 2014

April 30 – May 1, 2014

Location: 2478 Fairview Dr.

Carson City, NV

Description: The purpose of this 6-hour course is to prepare local elected government officials to lead and direct their jurisdiction

in implementing comprehensive emergency management systems.

MEETINGS: NSTR

EXERCISES:

Exercise Officer: Tim Cary at (775) 687-0389; tcary@dps.state.nv.us

Exercise Officer Blog: http://dem.nv.gov/DEM/EO_Blog/

Nevada Directors' Workshop - September 17 & 18, 2013

State's TEP Workshop – September 17, 2013

Mineral County Train Derailment FSE – October 16, 2013

The Great Nevada Shakeout - October 17 @ 10:17 a.m.

Churchill County Hazard Mitigation Planning TTX - December 10, 2013; Fallon

BOR's HDP Enhanced TTX – March 4, 2014; Kingman, AZ (NV, AZ, and CA participating)

ARKSTORM Major Lake Tahoe/Northern Nevada Flooding TTX - March 6, 2014; Reno